# GX 4000

**USER INSTRUCTIONS**
**MANUAL DEL USUARIO**
**MANUALE D'USO**
**MANUEL DE L'UTILISATEUR**

IMPORTANT
CONNECT D. C. PLUG
INTO GX4000
CONSOLE BEFORE
PLUGGING A. C.
ADAPTER INTO
A. C. SUPPLY.

**AMSTRAD**

# AMSTRAD

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Brentwood House
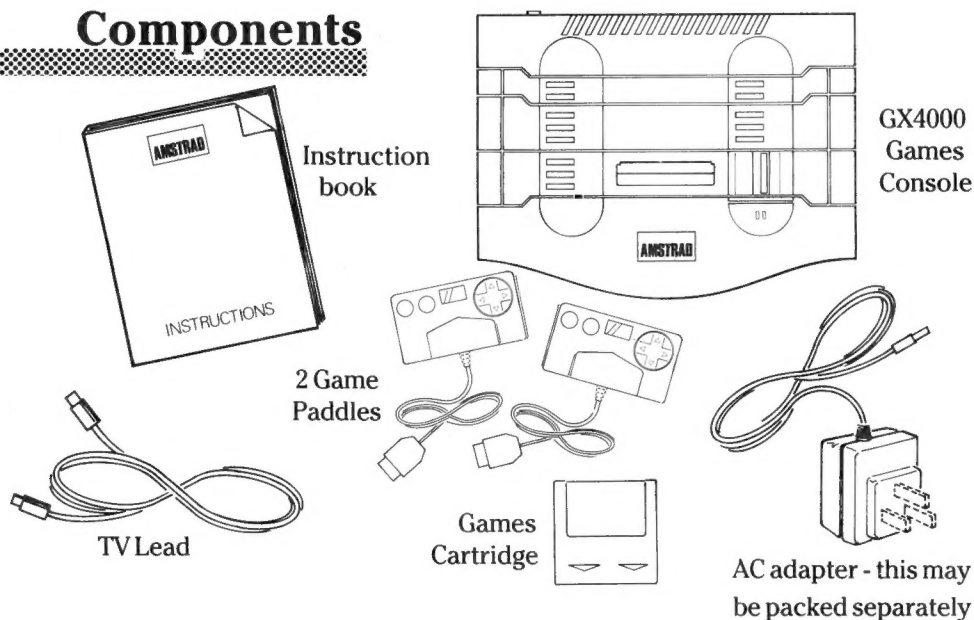169 Kings Road
BRENTWOOD
Essex CM14 4EF

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# Components



Instruction book

GX4000 Games Console

2 Game Paddles

TV Lead

Games Cartridge

AC adapter - this may be packed separately

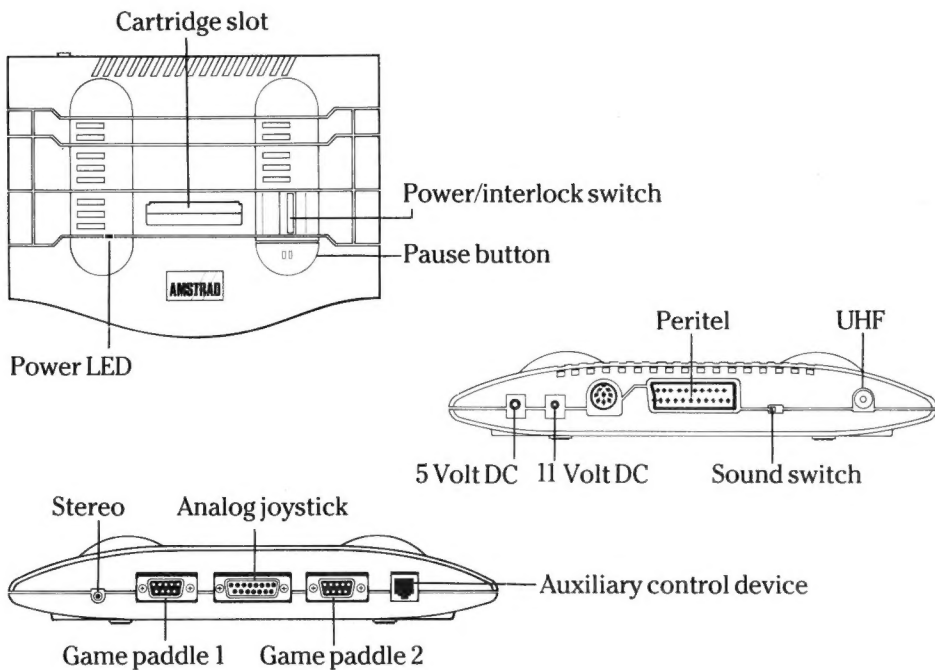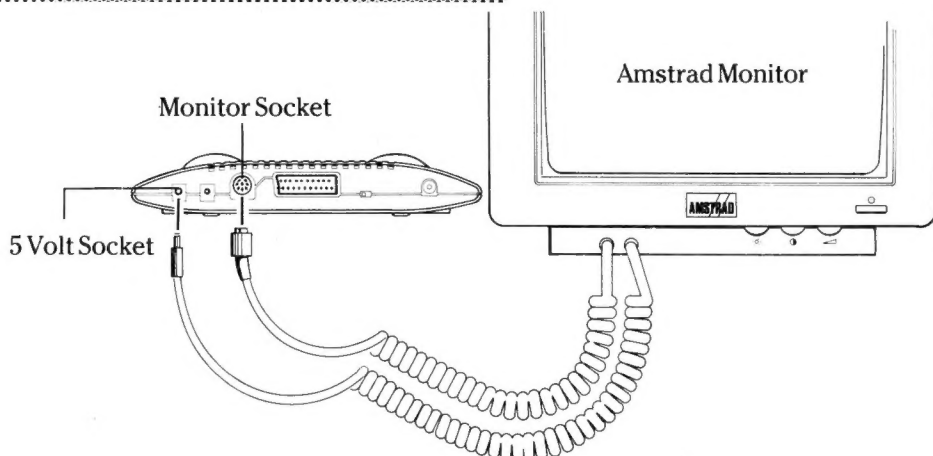## Looking after your GX4000

★ *Always turn off the power switch on the console before inserting or removing a cartridge*

★ *After use remove the cartridge and unplug the AC adapter from the electrical supply*

★ *Never touch the electrical contacts of a cartridge and keep away from dust and dirt*

★ *Treat the Game Paddles with reasonable care*

★ *Only use the AC Power adapter supplied or the power via an Amstrad MM12 or CM14 monitor*

★ *Do not pull at the console with the game paddles or any other control device*

★ *When disconnecting any plug from the console pull the plug itself -not the wire*

★ *Do not expose any of the components to extreme heat or cold*

★ *Do not spill liquids on any of the components*

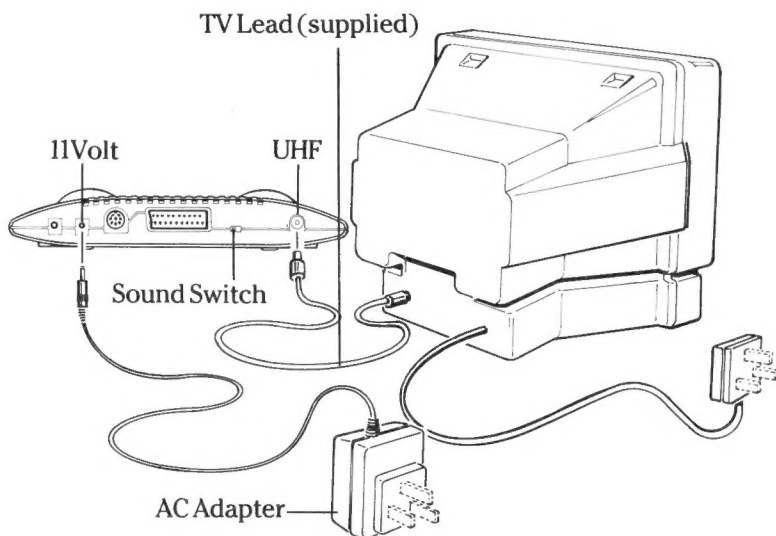★ *If you insist on cleaning use a soft cloth dampened with water only*

# Features

Cartridge slot

Power/interlock switch

Pause button

Power LED

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Peritel    UHF

5 Volt DC   11 Volt DC    Sound switch

Stereo    Analog joystick

Auxiliary control device

Game paddle 1    Game paddle 2

# Monitor Connection

Amstrad Monitor

Monitor Socket

AMSTRAD

5 Volt Socket

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# TV Connection

TV Lead (supplied)

11Volt    UHF

Sound Switch

AC Adapter

**Peritel** (alternative television connection)

Instead of using the TV lead supplied a Peritel lead can be bought and used to connect the console to the Peritel socket (sometimes called SCART or Audio/Video) on your television, this may improve the image on the screen.

**External amplifier/speakers** (alternative sound)

The console may be connected to a stereo amplifier and speaker. The input lead to your stereo amplifier should be terminated with a 3.5 mm stereo jack plug, which should be inserted into the stereo socket on the GX4000.

# Games Paddle Connection
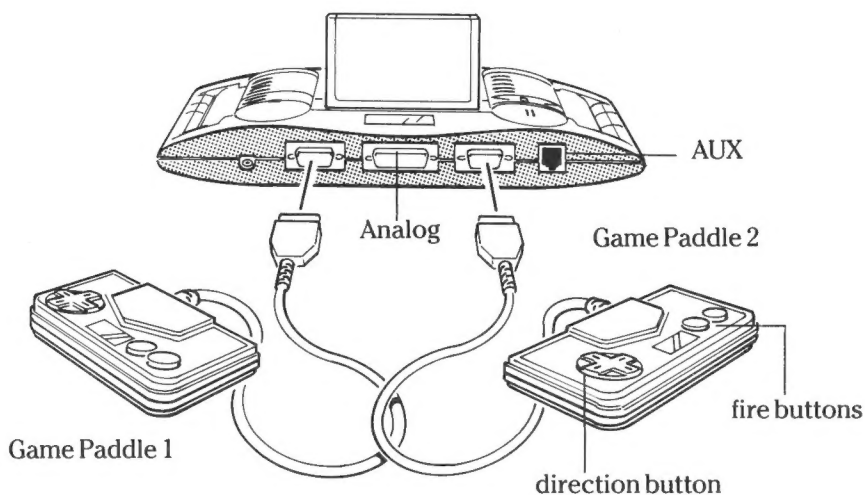


## Other Control Devices

Note: Control devices other than the supplied Game Paddles will only work with a game written to support them.

Analog - an analog joystick can be connected and used instead of or as well as the games paddles supplied.

AUX - a light gun or other auxiliary control device can be connected and used instead of or as well as the paddles or analog joystick.

# Operation

## Start

### Plug into and switch on the Power Supply

*If using an Amstrad CM14 or MM12 - plug in and switch on the monitor.*

*If using your television - plug in the AC adapter and switch on.*

### Load the cartridge into the Console

*Do not use unnecessary force, check you are not trying to insert the cartridge upside down.*

### Switch on the Console

*Use the power/interlock switch. This switches the console on and locks the cartridge into position. NEVER USE FORCE - SWITCH OFF THE CONSOLE BEFORE LOADING OR UNLOADING A CARTRIDGE.*

### Adjust the picture

Adjust your monitor to get a clear image on the screen, if you are using a television you will need to tune it:

*Select a spare or unused channel then adjust the tuning control or if your television has a rotary programme selector knob turn it until the image on the screen becomes steady (the signal will be approximately at channel 36).*

### Adjust the sound

*Adjust the volume control as required. If there are no game sounds -adjust the sound switch on the games console.*

## Pause

*Press the pause button to freeze the game. Press it again to continue.*

## Stop

*When you want to stop a game switch off using the Interlock/Power switch and then remove the cartridge - DO NOT ATTEMPT TO REMOVE A CARTRIDGE BEFORE SWITCHING OFF*

# Problem Solving

| PROBLEM | CHECKS AND ADJUSTMENTS |
|---|---|
| NO PICTURE BUT SCREEN IS LIT | Check the power/interlock switch is ON. Check the AC adapter is plugged into the electrical supply and the socket is switched on. Check the Console is properly connected to the aerial socket on your television using the TV lead supplied. Check the cartridge is inserted into the console correctly Check the television is set to the correct channel (Channel 36) |
| PICTURE IS ROLLING OR HAS BARS OR LINES ON IT | Adjust the vertical or horizontal hold controls on your television or monitor until the picture becomes steady |
| POOR PICTURE | Check all leads are firmly connected. Adjust the fine-tune and contrast controls on your television. If your television has an automatic fine-tuning control turn it off and use the manual control (you cannot do this if your television loses the colour when the automatic fine-tuner is off) Move the console away from the television - it may be positioned too close |
| NO GAME SOUNDS | Adjust the SOUND switch on the console Adjust the television volume and fine tune control |
| PROBLEMS RECEIVING TELEVISION PROGRAMMES | Check the power switch on your console is turned OFF and the TV lead is disconnected Check the aerial is connected properly |

If you still have a problem contact your dealer or our Customer Services Department.
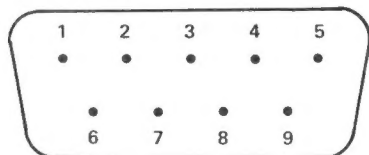
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# Technical Information - Connectors

## Aux
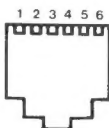


| PIN 1 | +5V | PIN 4 | FIRE 2 |
|-------|-----|-------|--------|
| PIN 2 | COMMON | PIN 5 | FIRE 1 |
| PIN 3 | LPEN | PIN 6 | GND |

## Game Paddles



| PIN 1 | UP | PIN 6 | FIRE 2 |
|-------|-----|-------|--------|
| PIN 2 | DOWN | PIN 7 | FIRE 1 |
| PIN 3 | LEFT | PIN 8 | COMMON |
| PIN 4 | RIGHT | PIN 9 | COM 2 |
| PIN 5 | SPARE | | |

Note: Pin 9 is not COM 2 on Game Paddle 2 connector

## Monitor



| PIN 1 | $\overline{\text{SYNC}}$ | PIN 5 | BLUE |
|-------|------|-------|------|
| PIN 2 | GREEN | PIN 6 | L SOUND |
| PIN 3 | LUM | PIN 7 | R SOUND |
| PIN 4 | RED | PIN 8 | GND |

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# Peritel
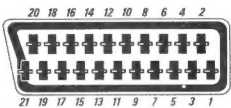


| | | | | |
|---|---|---|---|---|
| PIN 1 | AUDIO RIGHT | | PIN 12 | NOT CONNECTED |
| PIN 2 | NOT CONNECTED | | PIN 13 | GROUND |
| PIN 3 | AUDIO LEFT | | PIN 14 | NOT CONNECTED |
| PIN 4 | GROUND | | PIN 15 | RED |
| PIN 5 | GROUND | | PIN 16 | (TIED HIGH) |
| PIN 6 | NOT CONNECTED | | PIN 17 | GROUND |
| PIN 7 | BLUE | | PIN 18 | GROUND |
| PIN 8 | (TIED HIGH) | | PIN 19 | COMPOSITE VIDEO (COMPOSITE |
| PIN 9 | GROUND | | | SYNC IN FRENCH VERSION) |
| PIN 10 | NOT CONNECTED | | PIN 20 | NOT CONNECTED |
| PIN 11 | GREEN | | PIN 21 | SCREEN |

# Stereo
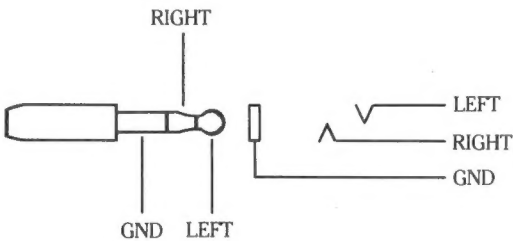


PIN 1 LEFT CHANNEL
PIN 2 RIGHT CHANNEL
PIN 3 GND

# Analog
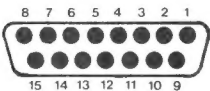


| ANALOG STICK 1 | | ANALOG STICK 2 | |
|---|---|---|---|
| PIN 1 | GND (POT COMMON) | PIN 9 | GND (POT COMMON) |
| PIN 2 | FIRE 1 | PIN 10 | FIRE 1 |
| PIN 3 | X1 | PIN 11 | X2 |
| PIN 4 | COM1 (SWITCHES) | PIN 12 | COM2 (SWITCHES) |
| PIN 5 | +5V | PIN 13 | Y2 |
| PIN 6 | Y1 | PIN 14 | FIRE 2 |
| PIN 7 | FIRE 2 | PIN 15 | GND (POT COMMON) |
| PIN 8 | GND (POT COMMON) | | |

FUEL

TURBO

616Z001-40993

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